Genwei Zhang

- Third year CS Ph.D. student at New Jersey Institute of Technology
- End-to-end project management experience & Excellent communication skill
- Fast self-training for new project direction within days

CONTACT

Language: English, Mandarin, Japanese (learning)

Imigration Status: F1

Phone: +1 (973) 420 7748

Email: genweizhang1@gmail.com

LinkedIn: https://www.linkedin.com/in/genwei-zhang-4736b61a0/

Personal Website: https://genweizhang.github.io/resume/

GitHub: https://github.com/Genwei-Zhang

PROJECT EXPERIENCE

Instant Message App Development: Google Firebase backend.

Intelligent Traffic Light Signal Control: Reinforcement Learning.

Computer Graphic Rendering: Rasterization & Path-tracing prototype.

Solar Flare Magnetic Origin Tracing: Supervised Learning.

Personal Website Design: HTML & CSS.

RNA Sequence Classification: Graph-network supervised learning.

C++ Lexical Analyzer: Prototype parses code to token.

Image Recreation with Evolution Algorithm:

Game Auto Shooting Cheat: Image partitioning and recognition, supervised learning.

Programming Language: C++, Java, Python, JavaScript, HTML, CSS, SQL

EDUCATION

Computer Science Ph.D. (in progress) - New Jersey Institute of Technology, US — 2021-present
Reinforcement & Supervised Learning, Image Segmentation, Image Generation, Graph Neural Network — CGPA: 4.0

Computer Science M.S. - New Jersey Institute of Technology, US — 2020-2021
Web Design, Database Design, Software Engineering, Image Processing, Data Mining — CGPA: 4.0

Industrial Design B.E. - Hefei University of Technology, China — 2011-2016
Graphic Design, Product Design, UI Design, 3D Modeling — CGPA: 2.8

IRRELEVANT WORKING EXPERIENCE

Teaching Assistant: CS 435 - Advanced Data Structures and Algorithm Design, NJIT — 2021-present
Excel at teaching & explaining complex things in plain words

Graphic Designer & Education Consultant - Zhongzhi Education Inc., China — 2017-2018
Graphic Designer:
 - Pamphlet, Poster, Questionaire Page, Document Format Drafting and WeChat App Design
Education Consultant:
 - Highly Personalized Career Plan, Abroad College Program Consultant, Visa Specialist

Game Designer (non programming) - Hefei JoyMeng Ltd., China — 2016-2017
 - Unity, Game Sytem, Game Level, Game Numerical Design, User Scenario Simulation